

EXHIBIT A

Specimen
LE Mini-Specificity - Myco Genus probes Project No.
Mch A 1026, Mch B 1634, & Mch B 1638 Book No. 600
in Page No. 58

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Purpose: Test specificity of Myco Genus Probes Mch A 1026, Mch B 1634,
& Mch B 1638 against rRNA's of a few possible cross-reacting
organisms.

Procedure:

① Set up samples + controls in 280 mM PB lysis tubes, L/N 70123

a) 2 - 100 μ l LNC, L/N 70224A

b) 2 - 100 μ l 1ug T_b rRNA, L/N 546-576-001

c) 2 - 1ug C. xerosis rRNA, L/N 7064B

d) 2 - 1ug Nastecidex rRNA, L/N 128-503-001

e) 2 - 1ug N. otitidis coviaeum rRNA, L/N # 7025

f) 2 - 1ug R. bronchialis rRNA, L/N 616-572-001

② Add 1ml ¹²⁵I-prime - Mch A 1026, Mch B 1634, or Mch B 1638

n 15,000 - 20,000 cpm/ml (all ¹²⁵I)

by M. Philippe

③ Vortex, + add incubate at 72°C for 2 hrs

④ Add 4ml HA sepsolin (0.12m PB, 2% HA), L/N 70147 to
10 tubes at a time on bench top

⑤ Invert 80X, + incubate at 72°C for 5 min

⑥ Remove from bath, invert 20X, + spin at 2000 rpm for 2 min.

⑦ Decant + blot

⑧ Add 4 ml wash (0.12m PB) L/N 70145

⑨ Vortex 20 seconds

⑩ Incubate at 72°C for 5 min.

⑪ Spin at 2,000 rpm for 2 min, decant, + blot

⑫ Count for 2 min

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Assed & Understood by me,

J. Minor

Date

Invented by

John E. Holden

Date

Recorded by

Specificity - cont

Project No. _____
Book No. 600

From Page No. 49 Results:

Mch A 1026

	<u>LVA</u>	<u>% Cyp</u>	<u>Neg Ratio</u>	<u>Cpm</u>	Total Counts =
Mch A 1026	53.7 53.4	53.6 53.4	37.7 37.6	9372 9333	9353
Cxe Ales	1.7 1.2	1.5 0.9	1.2 0.9	294 216	255 17461 17462
Nas Dtop	1.1 1.6	1.4 1.0	0.8 1.1	188 284	236
No Not-cav	1.6 1.5	1.6 1.5	1.1 1.1	272 262	267
Rbr	1.2 1.4	1.3 1.3	0.9 1.0	215 244	230
LVC	1.4			276 221	248
Mch B 1634					
Mch B 1634	71.3 71.9	71.6 60.9	60.4 60.7	10985 11079	11032
Cxe	1.5 1.3	1.4 1.1	1.2 1.2	225 196	211 15380 15403
Nas	6.8 4.0	5.4 3.4	5.7 4.6	1042 612	827
No Not-cav	6.9 7.2	7.1 6.1	5.8 6.0	1060 1105	1083
Rbr	3.8 6.2	5.0 5.2	3.2 4.2	575 955	765
LVC	18	1.2		184 180	182

See Book 678 for Mch B 1638 Results
cont to 678.1

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Witnessed & Understood by me,

Date

Invented by

June 2 1966

Date

Recorded by

NAT MANNOR